

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20040183936").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 09:55
S2	450	(348/340).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/02 13:16
S3	54	kim-young-jun.in.	US-PGPUB; USPAT	AND	OFF	2006/11/02 14:41
S4	1	park-choong-gunn.in.	US-PGPUB; USPAT	AND	OFF	2006/11/02 14:41
S5	0	park-choong.in.	US-PGPUB; USPAT	AND	OFF	2006/11/02 14:41
S6	0	park-gun.in.	US-PGPUB; USPAT	AND	OFF	2006/11/02 14:50
S7	0	("7138695").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 14:51
S8	0	("7138695").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 14:51
S9	1	("6560047").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 14:52
S10	0	("7138695").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 14:54
S11	723	(348/335).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/02 15:20
S12	863	(348/373).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/02 16:04
S13	345	(348/374).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/02 16:31
S14	469	(348/375).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/02 16:49
S15	277	(348/376).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/02 16:50
S16	0	("2005/0285973").URPN.	USPAT	AND	OFF	2006/11/06 08:12
S17	3	lung-chien-lih.in.	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:41
S18	6	seo-tae-jun.in.	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:42
S19	1	singh-harpuneet.in.	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:42
S20	0	brathwalte-nicholas.in.	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:42
S21	0	brathwalte-nicholas-e.in.	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:43

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S22	1	graydon-bhret-r.in.	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:46
S23	450	(348/340).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 08:48
S24	107	(348/357).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 08:50
S25	863	(348/373).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 08:50
S26	407	S25 and housing	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:51
S27	0	S26 and barrell	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:51
S28	53	S26 and barrel	US-PGPUB; USPAT	AND	OFF	2006/11/06 08:54
S29	0	("s13andbarrel").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/06 08:55
S30	345	(348/374).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 08:55
S31	67	S30 and barrel	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:02
S32	66595	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 09:02
S33	1523	S32 and lens barrel	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:02
S34	405	S33 and housing	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:03
S35	237	S34 and sensor	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:03
S36	0	S27 and @ad>"20030318"	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:04
S37	0	S27 and @ad<"2003318"	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:04
S38	141	S35 and @ad<"20030318"	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:16
S39	40	S33 and baffle	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:18
S40	248	S32 and baffle	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:18
S41	173	S40 and @ad<"20030318"	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:19
S42	122	S41 and camera	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:20
S43	10884	(d16).CLAS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 09:21

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S44	2537	S43 and camera	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:21
S45	64	S44 and lens barrel	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:22
S46	2473	S44 not S45	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:22
S47	89	S46 and housing	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:26
S48	83461	("359").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/11/06 09:27
S49	4745	S48 and lens barrel	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:27
S50	1035	S49 and housing	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:27
S51	284	S50 and sensor	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:28
S52	202	S51 and @ad<"20030318"	US-PGPUB; USPAT	AND	OFF	2006/11/06 09:28
S53	35	(164/148.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 13:55
S54	32	(164/146).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:00
S55	951	(29/592.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:00
S56	24	S55 and camera	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:28
S57	1390	29/593	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:05
S58	0	("I5andcamera").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:05
S59	99	S57 and camera	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:06
S60	29	S59 and lens	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:10
S61	1723	(29/428).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:10
S62	21	S61 and camera	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:14
S63	390	(29/418).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:14
S64	21	S63 and jig	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:15
S65	342	(29/407.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:15

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S66	25	S65 and camera	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:18
S67	1723	(29/428).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:18
S68	1	S67 and lens barrel	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:18
S69	26	S67 and lens	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:23
S70	214	(29/264).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:23
S71	37790	jig	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:29
S72	17541	S71 and assembly	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:29
S73	103	S72 and magnet near6 jig	US-PGPUB; USPAT	AND	OFF	2006/11/07 14:29
S74	1	("20040051792").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 17:07
S75	0	oda-asaka-shi-kazuya.in.	US-PGPUB; USPAT	AND	OFF	2006/11/07 17:08
S76	0	kobayashi-asaka-shi.in.	US-PGPUB; USPAT	AND	OFF	2006/11/07 17:08
S77	21600	kobayashi.in.	US-PGPUB; USPAT	AND	OFF	2006/11/07 17:08
S78	0	kobayashi-asaka.in.	US-PGPUB; USPAT	AND	OFF	2006/11/08 08:01
S79	3144	oda.in.	US-PGPUB; USPAT	AND	OFF	2006/11/08 08:01
S80	0	oda-asaka-shi.in.	US-PGPUB; USPAT	AND	OFF	2006/11/08 08:48
S81	349	(348/229.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/08 08:48
S82	0	("cameranear4module").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/16 11:20
S83	5440	camera near4 module	US-PGPUB; USPAT	AND	ON	2006/11/16 11:21
S84	406	S83 and threads	US-PGPUB; USPAT	AND	ON	2006/11/16 11:25
S85	2	S83 near threads	US-PGPUB; USPAT	AND	ON	2006/11/16 11:22
S86	1	("20010035910").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/16 11:52
S87	18651	lens barrel	US-PGPUB; USPAT	AND	ON	2006/11/16 11:54

## EAST Search History

S88	2822	S87 and (thread or threads)	US-PGPUB; USPAT	AND	ON	2006/11/16 11:56
S89	1633	S88 and (housing or module)	US-PGPUB; USPAT	AND	ON	2006/11/16 15:58
S90	861	S89 and camera	US-PGPUB; USPAT	AND	ON	2006/11/16 11:57
S91	207	"lens barrel" and camera and housing	FPRS; EPO; JPO	AND	ON	2006/11/16 16:06
S92	163	"camera housing"	EPO	AND	ON	2006/11/16 16:24
S93	1	("7131773").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/16 16:26
S94	6	"lens barrel" and "assembly plate"	US-PGPUB; USPAT	AND	ON	2006/11/16 16:39
S95	38316	("411").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/11/16 16:39
S96	664445	S95 and "thread" or "threads" or "threaded"	US-PGPUB; USPAT	AND	ON	2006/11/16 16:39
S97	9957	S95 and ("thread" or "threads" or "threaded")	US-PGPUB; USPAT	AND	ON	2006/11/16 16:39
S98	5264	S97 and bolt	US-PGPUB; USPAT	AND	ON	2006/11/16 16:40
S99	3674	S98 and head	US-PGPUB; USPAT	AND	ON	2006/11/16 16:41
S100	3246	S99 and @ay<"2003"	US-PGPUB; USPAT	AND	ON	2006/11/16 17:01
S101	6	S100 and "detachable head"	US-PGPUB; USPAT	AND	ON	2006/11/16 17:01
S102	6	S100 and "small head"	US-PGPUB; USPAT	AND	ON	2006/11/16 17:03
S103	1360	camera module	FPRS; EPO; JPO	AND	ON	2006/11/16 17:03
S104	487	"camera module"	FPRS; EPO; JPO	AND	ON	2006/11/16 17:03
S105	100991	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/03/27 08:53
S106	762	S105 and (metal or metallic) with ("lens barrel" or lens)	US-PGPUB; USPAT	AND	ON	2007/03/27 08:53
S107	40	S105 and (metal or metallic) with ("lens barrel")	US-PGPUB; USPAT	AND	ON	2007/03/27 08:54
S108	0	("10643694").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/27 08:54
S109	1	("20040183936").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/27 10:23

## EAST Search History

S11 0	0	("(assembl\$4adjplate)sameadhesi ve").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/27 10:23
S11 1	230	(assembl\$4 adj plate)same adhesive	US-PGPUB; USPAT	AND	ON	2007/03/27 10:24
S11 2	16	S111 and camera	US-PGPUB; USPAT	AND	ON	2007/03/27 10:25
S11 3	365	(348/374).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/27 10:25
S11 4	268	S113 and @ay<"2003"	US-PGPUB; USPAT	AND	ON	2007/03/27 10:43
S11 5	241	(396/79).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:10
S11 6	654	(bonding and adhesive).ti.	US-PGPUB; USPAT	AND	ON	2007/03/27 11:10
S11 7	5	S116 and camera	US-PGPUB; USPAT	AND	ON	2007/03/27 11:10